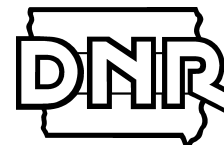


TANK MEMO



TO: Groundwater Professionals
FROM: Iowa Department of Natural Resources
Underground Storage Tank Section
Wallace Building, Des Moines, IA 50319

October 13, 1998
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Deadline for Version 1

All Tier 2 Site Cleanup Reports (SCR) received after **November 15, 1998**, must use the Version 2 format. This means using Version 2.14 of the Tier 2 software and guidance (which are addenda pages), and Version 2.0 for the Tier 2 report (which has not changed). This deadline was extended due to software delivery problems.

Revised Reports: If you are revising a Tier 2 SCR which was originally done using Version 1, you may use Version 1.0 for the revised Tier 2 SCR **if DNR receives it by the due date established in the review letter** (generally 90 days after the letter.) Otherwise, revisions must be done using Version 2.

The Latest Revisions to Tier 2: Version 2.14

We have made a few more minor corrections to the software and Tier 2 guidance. For the guidance, there is a brief summary of the changes, and the revised pages which can be substituted into your copy of the Tier 2 guidance.

Software changes are found on the enclosed program disk. To update to Version 2.14, run SETUP.EXE from the disk. This new installation method does not delete or require you to delete previous versions of the software. However, you may do so if you desire. Make sure you only delete the executable file for previous versions, and not any of your data files. Using the default directory, TIER2V2, will not create problems with previous versions. The new executable file name is T2V214.EXE. The executable file name for all previous versions of Tier 2 version 2.x is TIER2V2.EXE. In Windows 95, the task bar will show the name of the new version as Tier2 V2.14.

For software questions, please contact LaDon Jones, 375 Town Engineering, Ames, Iowa 50011; (515)-294-6848; Fax: (515)-294-8216; lcjones@iastate.edu

Training Required for Professionals With a PE Exemption

If you are a groundwater professional who has received your certification through the professional engineer (PE) exemption process, you must complete the two-day RBCA training within one year. This training is offered at the Des Moines Area Community College (DMACC) in Ankeny, Iowa. PEs who have not had this training will not be allowed to renew their certification. **The next course is Dec. 10-11.** To sign up for *The Application of Risk-Based Corrective Action to Petroleum Releases in Iowa*, contact DMACC at 515-964-6800.

Potential Plastic Water Line at Tier 2

Version 2 of the software does not currently include potential plastic water lines in the receptor summary (pages 7-8). If you are required to evaluate a plastic water line pathway, be sure to provide notification to the utility company, and describe (in the corrective action section on pages 19-20 of the Tier 2 report) how the potential plastic water line pathway was handled.

Clarification on Using Soil Gas to Clear Tier 1 Groundwater Vapor

In the February 1997 Tier 1 Guidance—Addendum 1, DNR explained how, for SCR conversions, soil gas sampling could be used to clear the groundwater vapor to enclosed space pathway at Tier 1 under certain conditions.

DNR will now allow soil gas to clear the groundwater vapor to enclosed space pathway at Tier 1 for any site **if**:

- groundwater contaminant plumes are defined to the Tier 1 levels for groundwater to plastic water line, and
- a Tier 1 receptor survey is completed, which includes identification of plastic water lines within 200 feet of the contaminant plume (not merely 200 feet from the source area) and
- soil gas has been confirmed to be below target levels at the groundwater source locations (which exceed the Tier 1 level for groundwater vapor).

If actual plastic water lines are identified within 200 feet of the groundwater contaminant plume(s) and groundwater is less than 20 feet deep, **a Tier 2 SCR would be required to assess the risk to the actual plastic water lines.**